

2005

**COMPLIANCE TRAINING SCHEDULE
AND
COMPLIANCE ASSISTANCE PUBLICATIONS**



**CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
AIR RESOURCES BOARD
ENFORCEMENT DIVISION**

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The Program



PURPOSE

The dynamic transitions occurring in business and government, including the rapid changes in technology and sweeping new legislation, continue to challenge the environmental community. These changes are mandating redefined priorities and increased workloads that must be accomplished with tight budgets. Today, more than any time in the past, it is essential that professionals in the environmental field receive quality training to keep current with this accelerated evolution.

The Air Resources Board (ARB) Enforcement Division proudly offers this essential training. The purpose of this program is to provide comprehensive education to further the professional development of environmental specialists. The courses offered in this program provide current, practical, usable, and cost-effective information for both new and experienced environmental professionals working in California. We offer similar training throughout the country and internationally.

CURRICULUM

These nationally recognized and award-winning programs offer a standardized core curriculum, including both entry-level training and continuing education. The training utilizes videos, digital presentation technologies, guest speakers, and field or site visits. These courses encourage communication and networking between environmental personnel, with the goal of achieving emission reductions and solving compliance problems through professionalism and teamwork.

These courses cover pollution history, the procedures required to properly evaluate emissions, the analysis of industrial processes, theory and application of emission controls, and waste stream reduction. The focus is on maintaining compliance with applicable laws and regulations. Wherever possible, each course includes a field visit to drive home skills, knowledge, and practical applications learned in each course. The training is designed to provide students with skills that can be immediately applied to their work in the field. In addition, the curriculum can be customized and tailored to the specific needs of a group or industry at any appropriate meeting location, thus greatly reducing client travel costs.

INSTRUCTORS

The curriculum is designed and presented by instructors with many years experience in air pollution control, working together as an interdisciplinary team. Their education includes business, engineering, health science, biological science, law enforcement, and more. Their experience includes stationary source permitting, inspection, source testing, and regulatory enforcement.

The instructors are highly experienced in adult education and they are experts in developing courses, seminars, workshops, and conferences. The training staff and the management of the ARB share a commitment to excellence which assures the program meets the sophisticated needs of today's environmental professional.

**** (Note: Please check the web at: <http://www.arb.ca.gov/training/calendar.htm> for the latest version of the training calendar. All class times, locations, and instructors are subject to change. This copy of the catalog updated January 5, 2005.) ****

COMPLIANCE ASSISTANCE PUBLICATIONS

The Compliance Assistance Program (CAP) develops and publishes a variety of technical manuals, interactive materials on CD, self-inspection handbooks, and compliance advisories for industry and local government. Training Section staff work closely with CAP staff to develop these materials. The technical manuals and CDs are the primary references used in the training courses and provide in-depth, source-specific information for inspectors and facility environmental specialists.

The CAP also assists business by producing and distributing self-help literature that explains air pollution rules in everyday terms. Handbooks and pamphlets are brief (15 to 25 pages), colorful, and easy to read with helpful inspection checklists, flowcharts, diagrams, and illustrations.

For your convenience, beneath each description of a course in this catalog, we have identified the corresponding publication numbers for each handbook, pamphlet, and technical manual. Some courses do not have corresponding CAP publications. For a complete listing of CAP publications and prices see Appendix C of this catalog or go to www.arb.ca.gov/cd/cap/manuals.htm.

REGISTRATION INFORMATION

Enrollment for most courses is limited based on the classroom size. Early registration is encouraged for all courses. Each class has a minimum enrollment, which, if not met, may cause class cancellation. Please contact the registrar, Nancy Thompson, for enrollment and administrative information. Registration will be accepted in four ways:

1. **Telephone:** (916) 322-2227
2. **Fax:** (916) 323-3303
3. **E-mail:** arbtrain@arb.ca.gov
4. **Mail:** Air Resources Board
 Registrar, ED Training Section
 PO Box 2815
 Sacramento, CA 95812

Registrations will be accepted in the order received. For more specific course information, please contact the course instructors listed in the course descriptions. A registration form is available in Appendix A, or online at www.arb.ca.gov/training/registra.htm.

Special Accommodation

If you have special accommodation or language needs, please contact Nancy Thompson at (916) 322-2227 or nthompso@arb.ca.gov as soon as possible. TTY/TDD/Speech-to-Speech users may dial 7-1-1 for the California Relay Service.

Course Fees

Course	Environmental Agency*	Industry & Public
Fundamentals of Enforcement (Course 100)	\$0	\$350
VEE Recertification (Courses 100.1 & 100.2)	\$0	\$100
UAQTP 100 Series (4 days, Courses 101-115)	\$0	\$500
200 Series 1 day course	\$0	\$150
200 Series 2 day course	\$0	\$250
300 Series 1 day course	\$0	\$150
300 Series 3 day course	\$0	\$375
Cross Media Enforcement Symposium (300)	\$300	\$600
Basic Inspector Academy (Course 310)	\$50	\$500
Introduction to Hearing Board Workshop (321)	\$25	\$125
Advanced Hearing Board Workshop (322)	\$50	\$250
Smoke Management Training (Course 375)	\$0	\$250
Dry Cleaning Operator Initial Certification (387)	N/A	\$100
Dry Cleaning Operator Recertification	N/A	\$50
Dry Cleaning Trainer Initial Certification	N/A	\$150
Dry Cleaning Trainer Recertification	N/A	\$100

*"Environmental Agency" means governmental bodies with environmental regulatory authority.

These fees are for courses offered in California, only. Payments must be received with the course application, payable to "California Air Resources Board." You may pay by credit card. Call or write us with the following: the type of credit card, the name on the card, the number of the card, and the expiration date of the card. For security reasons we discourage emailing or faxing this information. In addition, if your business meets the criteria stipulated in Health and Safety Code § 40503(b)(1) subsections (A)(B) pertaining to small businesses, you may be eligible for a discount (excluding VEE Re-certification) on some course fees.

Cancellation Policy

If a registration is cancelled less than 14 working days before the first day of class, no refund of course fees will be made and any unpaid course fees will be due. Substitution for the individual originally registered is permitted at any time.

On-Site Course Presentations

Most of our courses can be presented when and where needed to a group at any suitable facility. The courses can be tailored to organizational needs by changing the duration or adapting to a multi-session format.

Travel And Lodging

Course participants are responsible for their personal travel arrangements and for personal lodging arrangements.

100 SERIES COURSES



VISIBLE EMISSIONS EVALUATION PROGRAM

The Air Resources Board trains regulators and industry representatives to perform EPA Method 9 for reading visible emissions and certifies individuals in visible emissions evaluation (VEE). This certification is valid for six months and must be renewed by attending Course #100.1 (day certification) and Course #100.2 (night certification). Persons who are new to VEE must first take Course 100, Fundamentals of Enforcement.

Coordinator: Min Li
Phone: (916) 323-1168
E-mail: mli@arb.ca.gov

COURSE 100 FUNDAMENTALS OF ENFORCEMENT

This three-day course presents a basic overview of air pollution related topics & is a pre-requisite to certifying as a visible emission evaluator. Participants will learn US EPA Method 9 for reading visible emissions & will have the opportunity to obtain visible emission evaluation (VEE) certification. In addition, the course covers air pollution & its effects, meteorology, water vapor plumes, air pollution law, inspection procedures, and diesel smoke enforcement. VEE certification is valid for six months and must be renewed by attending Course 100.1 or Course 100.2. Enrollment in Course 100 is limited & advanced registration is required. Our schedule is subject to change. Please check our web site for the latest scheduling information at:

<http://www.arb.ca.gov/cap/vee.htm>

Handbook 93-023

Scheduled courses:

San Diego	January 11-13
San Luis Obispo	April 12-14
Sacramento	June 7-9
Monterey	October 4-6
Diamond Bar	December 6-8

COURSE 100.1 RECERTIFICATION IN VISIBLE EMISSION EVALUATION

Recertification in visible emissions evaluation is required every six months. This one-day course provides students the opportunity to re-certify. Day certification is conducted from 8:30 a.m. to 3:00 p.m. For schedule updates, check www.arb.ca.gov/cap/100_1.htm

Prerequisite: Course 100- Fundamentals of Enforcement.

Scheduled courses:

Bakersfield	February 2, April 21, October 20
Long Beach	January 26, July 27
Madera	March 24, Sept. 27
Monterey	March 23, October 6
Pleasanton	Mar. 9 & 10, Sept. 14 & 15
Redding	March 17, Sept. 22
San Diego	January 13, July 13
San Dimas	Jan. 27, July 28, Dec. 8
San Luis Obispo	April 14
Ventura	February 1, August 2
Victorville	April 20, Oct. 19
W. Sacramento	March 2, June 9, Sept. 7, November 2

COURSE 100.2 NIGHT CERTIFICATION IN VISIBLE EMISSION EVALUATION

This course provides students with the opportunity to certify in night visible emissions evaluation. This certification is valid for six months. Night certification begins at official sunset time, hence the start time changes with the season and location. For schedule updates, check www.arb.ca.gov/cap/100_2.htm

Prerequisite: Course 100, Fundamentals of Enforcement.

Scheduled courses:

Bakersfield	February 2, April 21, October 20
Pomona	January 25 & 27, July 26 & 28, December 7
Monterey	October 5
San Diego	January 12
San Luis Obispo	April 13
W. Sacramento	June 8



THE UNIFORM AIR QUALITY TRAINING PROGRAM (UAQTP)

UAQTP is a 4-day series of 14 courses providing an introduction to air pollution control and enforcement. The program is intended for entry-level stationary source inspectors, regulatory agency staff, & environmental specialists in business & government. Students will learn the basics of air pollution history, the evolution of environmental laws & regulations, control equipment, and inspection procedures associated with inspections to ensure proper compliance. Students are encouraged to ask questions & share their experiences. More information about each course is listed below.

Coordinator: Ben Sehgal
 Phone: (916) 327-3953
 E-mail: rsehgal@arb.ca.gov

Scheduled courses:

Sacramento	March 7-11
Sacramento	September 19-23

COURSE 101 HISTORY OF AIR POLLUTION

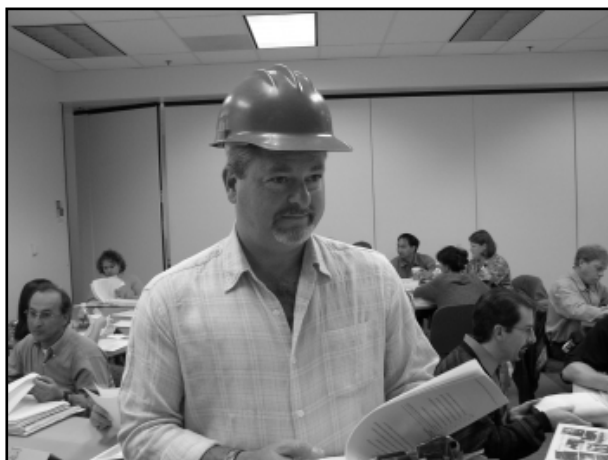
The course provides a brief, entertaining, historical tour of air pollution from social, political, cultural, and technological perspectives. The key events covered are historical incidents that brought attention to air pollution as a significant health & welfare problem.

COURSE 102 METEOROLOGY AND CLIMATOLOGY

The Meteorology and Climatology course examines the atmospheric factors that influence the accumulation and dispersion of air pollution both globally and locally. Atmospheric thermodynamics, topography, and airflow are discussed as they apply to the formation and transportation of air pollutants.

COURSE 103 CLASSIFICATION OF AIR POLLUTANTS

The major classes of air contaminants are discussed in this course. The concept of criteria and non-criteria pollutants is introduced followed by a discussion of ambient air quality standards. Emissions inventories and reduction strategies are also covered.



COURSE 104 INSPECTOR SAFETY

Inspector Safety outlines some of the potential hazards encountered during common source inspections. This course includes discussions on the selection & use of safety equipment & its application to various workplace environments. Walking, climbing, burn, electrical, & explosion dangers are addressed as they apply to source inspections. For more detailed

information about inspector health & safety, students are encouraged to enroll in Course 202, Health & Safety.

COURSE 105 CONCEPTS OF REGULATORY DEVELOPMENT

This course presents the principles, rules, & guidelines governing regulatory development. Federal, state, and local processes are explored, with emphasis on those that affect district rule-making. Programs and terminology such as AQMPs, SIP, CTGs, RACT, BACT, NSPS, NSR and NESHAPS will be explained.

COURSE 106 INSPECTION AND REPORT WRITING TECHNIQUES

This course will give an overview of the physical and administrative techniques to effectively inspect various sources that fall under the jurisdiction of air pollution agencies. This is presented in two phases: the first discusses general procedures for conducting effective source inspections; the second deals with formatting and writing clear, concise, and complete inspection reports.

COURSE 107 BASIC AIR POLLUTION CONTROL EQUIPMENT

Some common methods for controlling particulate and gaseous air emissions are covered in this course. An overview of the operating principles of typical emission control devices are discussed, including key inspection considerations. For more detailed information about particular control devices and processes, students are encouraged to enroll in our 200-series courses.

COURSE 109 COMPLAINT RESPONSE PROCEDURES

This course introduces the principles of processing air pollution nuisance complaints with special emphasis on the field investigation process. Legal aspects of public nuisance

laws associated with air pollution, causes of complaints, complaint investigation, and resolution of complaints are some of the subjects discussed.

COURSE 110 SAMPLING GATHERING AND INTEGRITY

This course presents an overview of the methods used to ensure sample integrity with special emphasis on the chain of custody procedure. Specifically, the topics covered will include standard sample gathering procedures, protocols for specific samples, and general safety concerns.



COURSE 111 BASIC CHEMISTRY OF AIR POLLUTION

This introductory course discusses the basic concepts of air pollution chemistry, including simple chemical reactions and the nomenclature for important hydrocarbon compounds. Discussions will also include ozone formation in the atmosphere, air toxics, acid deposition, and indoor air pollution.

COURSE 112 EVOLUTION OF ENVIRONMENTAL LAW

This course gives a brief overview of how air pollution laws, rules, and regulations are developed. The course will cover basic legal principles, courtroom proceedings and tactics, as well as significant cases that have led to modern-day air pollution laws.

COURSE 113 INSPECTOR CONDUCT AND LIABILITY

Inspector Conduct and Liability is designed to familiarize field inspectors with commonly accepted practices and procedures regarding their professional conduct. This course addresses legal entry, right to inspect, confidential material, and the potential consequences and legal ramifications of illegal conduct or tactics.

COURSE 114 AIR QUALITY MONITORING CONCEPTS

This course covers the basic concepts involved in ambient and source monitoring.

Reasons for monitoring, monitoring instruments and their use, and the acquisition and use of air quality data are discussed. For more in-depth coverage of this topic, students are encouraged to enroll in Course 222, Principles of Ambient Air Monitoring.

COURSE 115 INTERFACING WITH RELATED AGENCIES

This course will examine the kinds of interactions air pollution control professionals might have with different local, state, and federal government agencies. Interactions related to permitting, issuance of Notices of Violation (NOV), follow-up of violations, environmental crimes and emergencies, rule making, and other areas will be covered. For more information about interfacing with other agencies and cross-media inspections, students are encouraged to enroll in Course 300, Cal/EPA's Annual Environmental Cross Media Enforcement Symposium.



200 SERIES COURSES



200 SERIES

The 200 Series courses are designed for environmental professionals in government or industry who specialize in air pollution compliance. Each 200 series course focuses on a specific source category and reviews the general process, theories and applications, source emissions and control techniques, applicable laws and regulations, typical source permit conditions, record keeping and monitoring requirements, and compliance inspection procedures.

These one and two day courses are comprised of interactive classroom instruction followed by "hands-on" field training at a representative facility which enhances the student's learning experience. Classes generally start at 8:30 a.m. and conclude at 5:00 p.m.. Students must bring applicable safety equipment such as hard hats, safety glasses, ear protection, and safety shoes to participate in the field visit. The field visit and the satisfactory completion of the course exam are required before a "Certificate of Completion" is issued. It is recommended that students complete the 100 level courses prior to attending the 200 level training, and 200 before 300.



COURSE 202 HEALTH AND SAFETY

Field inspections involve a certain degree of risk. Inspections of wastewater treatment plants, manufacturing plants, laboratories, and mines are each associated with various hazards. A safe field inspection depends on the recognition, evaluation, and control of hazards. Cal/OSHA regulations and established safety policies are continually being updated. This course and the manual have been assembled as a "hands-on" tool for all personnel conducting field activities.

Coordinator: Ed Virgin
Phone: (916) 322-5866
E-mail: evirgin@arb.ca.gov

2005 Scheduled courses:
To be announced

COURSE 210 GASOLINE CARGO TANKS

This one-day course will focus on Phase I vapor recovery as it relates to the loading of gasoline cargo tanks. This course provides information on how to determine and maintain compliance of vapor recovery systems on cargo tanks. Additionally, the course includes a manual that discusses legal requirements, vapor recovery systems and equipment, and processes and emission controls.

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

Handbook 99-003

2005 Scheduled courses:
To be announced



COURSE 221 CONTINUOUS EMISSION MONITORING

Continuous emission monitoring (CEM) involves determining compliance of stationary sources with their emission limitations on a continuous basis. CEM are also used for process control and to monitor the operations of the control equipment. In this course, we will review the purpose and applicability of CEM systems mandated by federal regulations such as 40 CFR Part 60 and Part 75. We will discuss several different types of commercially available extractive & in situ systems with emphasis on performance specifications, including installation, design, testing, & certification. We will also discuss data recording & reporting requirements, system calibration & quality assurance program including procedures for conducting performance audits (CGA, linearity & RATA).

Coordinator: Ben Sehgal
Phone: (916) 327-3953
E-mail: rsehgal@arb.ca.gov

Technical Manual 97-229

2005 Scheduled courses:

Mojave	January 19
Santa Barbara	March 31
Fresno	April 6
Redding	November 16

COURSE 222 PRINCIPLES OF AMBIENT AIR MONITORING

This one-day course covers the basic design & theory of ambient air monitoring, quality assurance & quality control methods as they relate to monitoring instruments, site development criteria, & data processing. We address ozone, oxides of nitrogen, carbon monoxide, hydrocarbon, particulate and sulfur dioxide monitors, meteorology systems, data recording systems, gas calibration systems, & zero air systems. Course 114, Air Quality Monitoring Concepts is recommended before taking this course.

Coordinator: Eric Walton
Phone: (916) 324-5868
E-mail: ewalton@arb.ca.gov

Technical Manual 00-235

2005 Scheduled courses:

Sacramento	August 9
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COURSE 224 OBSERVING SOURCE TESTS

Observations of compliance performance emission tests are an important part of any air pollution enforcement program. Data obtained during these tests are used to determine compliance with regulatory standards or to determine baseline operating conditions for a source. We present the basic principles of source test observation (STO) and the fundamentals of source testing methods, including Method 5, sampling train & procedures. We also discuss sample recovery observations, procedural inspections, calculations, report writing and QA techniques. Students will participate in a Method 5 sampling train "mock inspection" and receive hands-on training.

Coordinator: Ben Sehgal
Phone: (916) 327-3953
E-mail: rsehgal@arb.ca.gov

Technical Manual 01-236

2005 Scheduled courses:

Mojave	January 20
Fresno	April 7
Redding	November 17

COURSE 230 SURFACE COATING OPERATIONS: METAL PARTS AND PRODUCTS

This course addresses paints & coatings used in the manufacture or refurbishment of metal parts & products. Combining lecture, discussion, and informational video, students are introduced to topics such as coating formulation, volatile content limits, transfer efficiency, application equipment, inspector sampling, & laboratory analysis for liquid & powder coatings. This course is a prerequisite for all classes in the Course 230 series.

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

Technical Manual	95-202
Handbook	90-010 - English
Handbook	90-011 - Spanish

2005 Scheduled courses:

Sacramento	Feb 8
Fresno	August 3
San Diego	September 7

COURSE 230.1 SURFACE COATING OPERATIONS: AEROSPACE INDUSTRY

Coating processes are addressed as they apply to the manufacturing and refurbishment of aircraft and aerospace parts. This one-day course is a combination of lecture and discussion providing an overview that includes inspection strategy, procedure, and safety concerns. Discussion topics include: how aerospace coatings differ from other metal parts and products coatings, volatile organic content limits, inspection techniques, and the National Emission Standard for Hazardous Air Pollutants (NESHAPs).

Prerequisite: Course 230

Coordinator: Terone Preston
Phone: (916) 322-0255
E-mail: tpreston@arb.ca.gov

Technical Manual 97-207
Handbook 90-008

2005 Scheduled courses:

Bay Area October 13
Fresno November 16



**COURSE 230.2
SURFACE COATING OPERATIONS: AUTO
REFINISHING**

This one-day course focuses on the operations of the auto refinishing industry. This course consists of four hours of lecture and four hours of field training. The emphasis is on a strategy for achieving reductions from a large number of small sources operating in a variety of environmental conditions. Inspection procedures, strategy, safety concerns, coating formulations, application equipment, and pollution control equipment will be discussed.

Prerequisite: Course 230.

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

Technical Manual 91-214
Handbook 91-015 - English
Handbook 92-017 - Spanish

2005 Scheduled courses:

Sacramento March 16
San Diego September 8

**COURSE 230.3
SURFACE COATING OPERATIONS:
METAL CONTAINER CLOSURE & COIL
COATING OPERATIONS**

This one-day course will review the steps to manufacture two-piece aluminum and three-piece steel cans, as well as the chemical and physical demands on coatings for the metal packaging industry. The extensive testing required for the Food and Drug Administration, as well as taste and product-coating compatibility will have serious ramifications on one's choice of coatings. Each of these parameters will be discussed relative to enforcement, effective VOC control strategies, and new coatings development.

Prerequisite: Course 230

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

Technical Manual 91-212

2005 Scheduled courses: *To be announced*



**COURSE 230.4
GRAPHIC ARTS**

This course addresses the use of inks, coatings and surface preparation/cleanup materials used in the graphic arts industry. Classroom discussion will focus on printing meth-

ods, process descriptions, emission control techniques, and inspection procedures. Discussion of regulatory issues such as the federal NESHAPS, RACT guidelines, and the local prohibitory rules are also included. Students will also receive firsthand experience during the afternoon field visit (mock inspection) at a local business with a permitted printing operation.

Coordinator: Tom Raschke
 Phone: (916) 445-0961
 E-mail: traschke@arb.ca.gov

Technical Manual	92-217
Handbook	97-028 - English
Handbook	98-029 - Spanish

2005 Scheduled courses:

San Francisco	February 9 & 10
Sacramento	November 9
Fresno	December 1

**COURSE 233
 SOLVENT CLEANING: DEGREASING
 OPERATIONS**

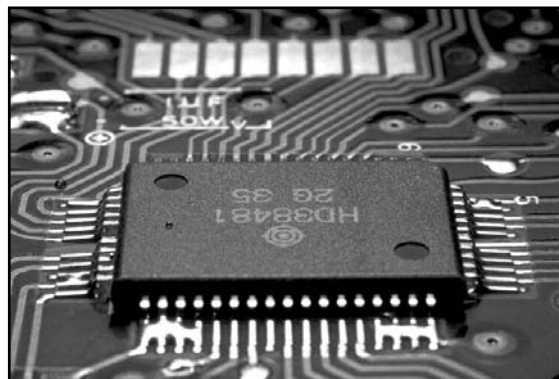
This one-day course provides base line information on a variety of solvents cleaning and degreasing operations. Topics include: types of solvents, types of degreasers, emission control equipment used and inspection procedures. Discussion of regulatory issues such as the Title III MACT standards, NESHAPS for Halogenated Solvents, RACT/BARCT guidelines and local prohibitory rules are also included. Students will also receive first-hand experience during the afternoon field visit (mock inspection) at a local business with a permitted solvent cleaning operation.

Coordinator: Tom Raschke
 Phone: (916) 445-0961
 E-mail: traschke@arb.ca.gov

Technical Manual	96-224
Handbook	89-004

2005 Scheduled courses:

Sacramento	August 24
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**COURSE 234
 PRINTED CIRCUIT BOARDS**

This course focuses on the processes and equipment used to control the emissions from printed circuit board manufacturing. Classroom discussion will focus on process description, rules and regulations, control equipment, and inspection procedures. The afternoon field visit will give the students hands-on inspection experience.

Coordinator: Eric Walton
 Phone: (916) 324-5868
 E-mail: ewaltonr@arb.ca.gov

Technical Manual	98-233
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2005 Scheduled courses:

Sacramento	August 16
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**COURSE 242
 HOT MIX
 ASPHALT
 FACILITIES**

Hot Mix Asphalt (HMA) facilities produce asphaltic concrete. Asphaltic concrete is a mixture of well-graded, high quality aggregate

and asphalt cement that is heated and mixed in measured quantities. This course discusses

the process of hot mix asphalt production, equipment, types of air pollution control, and techniques on how to perform a compliance inspection. There will be a field visit in the afternoon. Participants must bring their hard hats, safety shoes, hearing and eye protection.

Coordinator: Ed Virgin
Phone: (916) 322-5866
E-mail: evirgin@arb.ca.gov

Interactive CD
Technical Manual 90-209
Handbook 90-006

2005 Scheduled courses:
San Diego July 7

COURSE 243 AGGREGATE PLANTS

Aggregate plants produce sand and gravel and crushed stone. These plants can also be considered major air pollution sources. Upon completion of this one-day course, the participant will better understand the process flow of sand and gravel and crushed stone operations and the legal requirements associated with aggregate plants. A field visit is included to provide hands-on inspection techniques. In order to participate in the field visit, all students are required to bring appropriate safety equipment (hard hat, safety shoes, hearing and eye protection).

Coordinator: Ed Virgin
Phone: (916) 322-5866
E-mail: evirgin@arb.ca.gov

2005 Scheduled courses:
Sacramento April 13
Fresno June 29
San Diego July 6
Diamond Bar September 1



COURSE 244 CONCRETE BATCH PLANTS

Concrete is a mixture of water, cement, sand, gravel, and other substances designed to harden and form durable surfaces and structures. A batch plant is a facility that collects and stores concrete ingredients, selects and combines proportions, and dispenses the mixture into a mixer-truck. This one-day course covers process and control, air pollution control measures, inspection procedures, and legal requirements applicable to concrete batch plants. There will be a field visit in the afternoon. Participants must bring their hard hats, safety shoes, hearing and eye protection.

Coordinator: Ed Virgin
Phone: (916) 322-5866
E-mail: evirgin@arb.ca.gov

Technical Manual 94-222

2005 Scheduled courses:
Fresno June 30
Bay Area August 10
San Diego November 2

COURSE 245 CEMENT PLANTS

Cement is a powdered substance made primarily of burned lime, clay, and fly ash. Cement manufacturing involves many processes including mining, crushing, screening, recovery, calcining, finishing, grinding, conveying, and shipping. Particulates can be emitted during any of these steps. Facilities can also operate on a variety of fuels requiring additional air pollution control. This course covers the production processes of cement manufacture with the corresponding air pollution control issues. There will be a field visit in the afternoon. Participants must bring their hard hats, safety shoes, hearing, and eye protection.

Coordinator: Ed Virgin
Phone: (916) 322-5866
E-mail: evirgin@arb.ca.gov

Technical Manual 96-227

2005 Scheduled courses: *To be announced*

COURSE 251 ASBESTOS DEMOLITION AND RENOVATION (D/R)

Designed for presentation to air pollution inspectors, a variety of asbestos issues are discussed in this one-day course. Since contamination is a major concern when working near asbestos, safety is emphasized. Inspections and proper and thorough case development are outlined and reviewed as is locating non-notifiers. Group participation is encouraged throughout the course. Specific coverage is given to health effects of exposure, containment practices, sampling, and documentation.

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

Technical Manual 90-208

2005 Scheduled courses: *To be announced*

COURSE 260 OIL FIELD PRODUCTION

This one-day course provides information on production methods, related emissions, applicable regulations and inspection techniques associated with oil field production. This information assists air pollution inspectors in conducting more accurate and comprehensive inspections, as well as providing industry with the methods to comply with air pollution regulations. There will be a field visit in the afternoon. Participants must bring their hard hats, safety shoes, hearing, and eye protection.

Coordinator: Ed Virgin
Phone: (916) 322-5866
E-mail: evirgin@arb.ca.gov

Technical Manual 92-216
Handbook 93-021

2005 Scheduled courses:
Bakersfield March 16

COURSE 261 POLYESTER/EPOXY RESIN, FIBERGLASS & COMPOSITE MANUFACTURING

This course covers the history, use of raw materials, production methods, emission control methods, and inspection procedures for polyester resin and fiberglass facilities. It also covers pollution prevention, legal requirements, and RACT/BARCT. Inspectors will understand what is required of the facility to remain in compliance with the requirements. A field visit to a local facility will provide a hands-on inspection.

Course Coordinator: Ben Sehgal
Phone: (916) 327-3953
E-mail: rsehgal@arb.ca.gov

Technical Manual 99-234

2005 Scheduled courses:
Fresno August 11
Sacramento September 28

COURSE 262 FUGITIVE VOC INSPECTIONS

This course provides practical information for conducting fugitive VOC inspections at petroleum refineries, chemical process facilities, and fuel storage and marketing facilities. We cover the equipment that may exhibit fugitive leaks, review leak detection and repair (LDAR) regulations and standards, and discuss compliance monitoring, record keeping, and recording requirements. Portable leak detection instruments are discussed and students will use one or more of these instruments at a regulated facility. The primary audience for this course is air quality compliance inspectors. Course 395 is for facility personnel.

Coordinator: Ed Virgin
Phone: (916) 322-5866
E-mail: evirgin@arb.ca.gov

2005 Scheduled courses: *To be announced*

COURSE 265 BALANCE VAPOR RECOVERY FOR OWNERS/ OPERATORS

This short course will begin with how evaporative emissions from motor fuel transfer impacts human health & activity. Focus then shifts to the effectiveness of vapor recovery as an emission control strategy. The course concludes with the air pollution inspection & how the owner/operator can avoid administrative penalties with self-inspection & routine maintenance. Emphasis is on handling hardware & one-page inspection checklists.

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

Technical Manual 94-201
Handbook 00-009

2005 Scheduled courses: *To be announced*

COURSE 266 ASSIST VAPOR RECOVERY FOR OWNER/OPERATORS

This course begins with how evaporative emissions from motor fuel transfer impacts human health & activity. The effectiveness of vapor recovery as an emission control strategy will be discussed. The ultimate goal is to understand the object of the air pollution inspection & how the owner/operator can avoid administrative penalties with self inspection & routine maintenance. Hardware & inspection checklists are emphasized. Each class will address the types of assist systems operated by those in attendance.

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

2005 Scheduled courses: *To be announced*



COURSE 270 INCINERATORS

This one-day course will focus on the process, emission control equipment and inspection procedures of small to medium sized solid waste incinerators. The types of incinerators include biomedical, pathological, crematories and commercial heat stripping ovens. This course does not address municipal waste combustors, biomass or hazardous waste incinerators. There is an afternoon field visit

where students will receive first-hand experience during a “mock inspection” of a local business with a permitted incinerator.

Coordinator: Tom Raschke
Phone: (916) 445-0961
E-mail: traschke@arb.ca.gov

Technical Manual 93-219

2005 Scheduled courses: *To be announced*



COURSE 271 STATIONARY RECIPROCATING ENGINES

Stationary reciprocating engines are used widely for power generation, gas compression, and many other purposes. They are also a significant source of air contaminants and as such are the focus of increased regulation. This course covers reciprocating engine operating theory, both standard and “cutting-edge” emission control technologies, regulations, permit conditions, and inspection procedures.

Coordinator: Ed Virgin
Phone: (916) 322-5866
E-mail: evirgin@arb.ca.gov

Technical Manual 98-231
Pamphlet 91-012

2005 Scheduled Course:
Santa Barbara March 15
Diamond Bar August 31
Bay Area October 26



COURSE 272 STATIONARY GAS TURBINES AND POWER PLANTS

With an increase in demand of the electric utility industry, stationary gas turbines have become more popular in recent years as combined-cycles, peaking power plants & cogeneration facilities. The course discusses uses of gas turbines, fundamentals of operation of modern turbines with emphasis on state-of-the-art controls to achieve some of the lowest emission concentrations for this source category. The course also discusses combined cycles with HRSG units, steam turbines & power generation. This is followed by a detailed discussion on emissions & control techniques such as Dry Low-NOx combustors with staged combustion, water, or steam injection followed by SCR & CO catalysts. Applicable federal & local BACT regulations, permitting requirements, & agency inspection procedures & safety concerns are thoroughly discussed.

Course Coordinator: Ben Sehgal
Phone: (916) 327-3953
E-mail: rsehgal@arb.ca.gov

Technical Manual 96-225

2005 Scheduled courses:
Santa Barbara March 30
Fresno June 22
Monterey July 14
Diamond Bar August 18
Redding October 20



COURSE 273 INDUSTRIAL BOILERS

Boilers are one of the most common emission sources & range in use from small fire tube boilers to large utility boilers associated with power plant facilities. The course discusses uses of boilers, heat transfer methods & fundamentals of operation of modern industrial & utility boilers including those fired by natural gas, biomass, municipal waste & coal (circulating fluidized bed units). The course also discusses steam turbines & power generation. This is followed by a detailed discussion on emissions & control techniques such as Low-NOx burners, FGR, staged combustion, SCR & SNCR. New technologies such as Ultra Low-NOx 9 ppm burners, applicable federal & local BACT regulations, permitting requirements, & agency inspection procedures & safety concerns are thoroughly discussed.

Course Coordinator: Ben Sehgal
Phone: (916) 327-3953
E-mail: rsehgal@arb.ca.gov

Technical Manual 97-228

2005 Scheduled courses:

Santa Barbara	March 29
Fresno	June 21
Monterey	July 13
Diamond Bar	August 17
Redding	October 19



COURSE 281 ELECTROSTATIC PRECIPITATORS

When the pollutant is fine particulate or aerosols and the control device is an electrostatic precipitator, what can the inspector do to confirm that it is operating properly? This course will help the inspector understand the fundamentals of electrostatic precipitator operation and the likely defects or operator oversights. Topics include: theory and design, cleaning cycles, operation and maintenance, and inspection techniques.

Coordinator: Eric Walton
Phone: (916) 324-5868
E-mail: ewaltonr@arb.ca.gov

Technical Manual 90-206

2005 Scheduled courses:

Fresno	March 1
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COURSE 282 BAGHOUSES

Baghouses are one of the most effective and widely used control devices for fine particulate matter. This course will present the major uses for baghouses, operational theory and design, applicable regulations, permit conditions, and inspection procedures. The course also includes a brief discussion of baghouse troubleshooting and maintenance.

Coordinator: Ed Virgin
Phone: (916) 322-5866
E-mail: evirgin@arb.ca.gov

Technical Manual	94-213
Pamphlet	91-014

2005 Scheduled courses:
Sacramento April 14
Bay Area October 27
San Diego November 3

COURSE 283 SOIL DECONTAMINATION

This one-day course covers the basic technological aspects of soil remediation processes such as vapor extraction, thermal treatment, and bioremediation. The emphasis is on inspection of decontamination sites for compliance with air pollution regulations and permits.

Coordinator: Ed Virgin

Phone: (916) 322-5866
E-mail: evirgin@arb.ca.gov

Technical Manual	91-211
Pamphlet	91-013

2005 Scheduled courses: *To be announced*

COURSE 284 VOC CONTROL DEVICES/ SCRUBBERS

This course provides an overview of equipment used to control the emissions of volatile organic compounds (VOC's). Specifically: absorbers, adsorbers, condensers, and oxidizers will each be covered. Classroom discussion will focus on process descriptions, rule discussion, and inspection procedures for the VOC control equipment. The afternoon field visit will allow students to see and inspect one of the control options covered in class.

Coordinator: Eric Walton
Phone: (916) 324-5868
E-mail: ewaltonr@arb.ca.gov

Technical Manual	95-223
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2005 Scheduled courses:
Fresno February 22
Bay Area March 30
Diamond Bar November 8

COURSE 285 LANDFILL GAS CONTROL DEVICES

This one-day course provides inspectors with an introduction to the operation of landfill gas facilities including monitoring, collection and control systems, as well as applicable inspection techniques. During the mock inspection portion of the class, students will gain hands-on inspection experience.

Coordinator: Eric Walton
Phone: (916) 324-5868
E-mail: ewaltonr@arb.ca.gov

Technical Manual 96-226

2005 Scheduled courses:

Fresno	March 2
Bay Area	March 29
Sacramento	October 25



COURSE 287 DRY CLEANING

This one-day course emphasizes the Airborne Toxic Control Measure (ATCM) for Perchloroethylene from Dry Cleaning Operations. Classroom discussion will focus on the dry cleaning process, emission controls, and the inspector's role in verifying compliance with all local, state, and federal regulations for the use of perchloroethylene in dry cleaning. Students will receive first-hand experience during the

afternoon field visit at a local business with permitted dry cleaning equipment.

Coordinator: Tom Raschke
Phone: (916) 445-0961
E-mail: traschke@arb.ca.gov

Interactive CD	
Technical Manual	02-220
Handbook	95-025 - English
Handbook	95-027 - Korean

2005 Scheduled courses:
Fresno June 14

COURSE 288 PETROLEUM REFINING

This two-day course focuses on the inspection of petroleum refining processes and facilities. Introductory information will be provided on the various processes found within a petroleum refining complex. This course is intended to provide an inspector with a framework of information to build upon for conducting more accurate and comprehensive inspections at specific petroleum refining facilities. There will be a field visit in the afternoon. Participants must bring their hard hats, safety shoes, hearing, and eye protection.

Coordinator: Ed Virgin
Phone: (916) 322-5866
E-mail: evirgin@arb.ca.gov

Technical Manual 94-221

2005 Scheduled courses: *To be announced*

COURSE 290 MACT GENERAL BACKGROUND INFORMATION

This one day course is designed to provide general background information on (1) various ARB and EPA toxic regulations / programs: MACTs and ATCMs, ARB Hot Spots vs. EPA Significant Risk Programs, EPA & California Accidental Release Prevention Programs; (2) listing of toxic air contaminants and hazardous

air pollutants, and of EPA's toxic source categories; (3) pathways for ARB and EPA enforcement; and (4) lowering a source's potential to emit (for MACT sources).

Course Coordinator: Eric Walton
Phone: (916) 324-5868
E-mail: ewalton@arb.ca.gov

2005 Scheduled courses:

Fresno	February 23
Bay Area	June 28
Sacramento	October 26
Diamond Bar	January 4
	November 9
San Diego	January 6

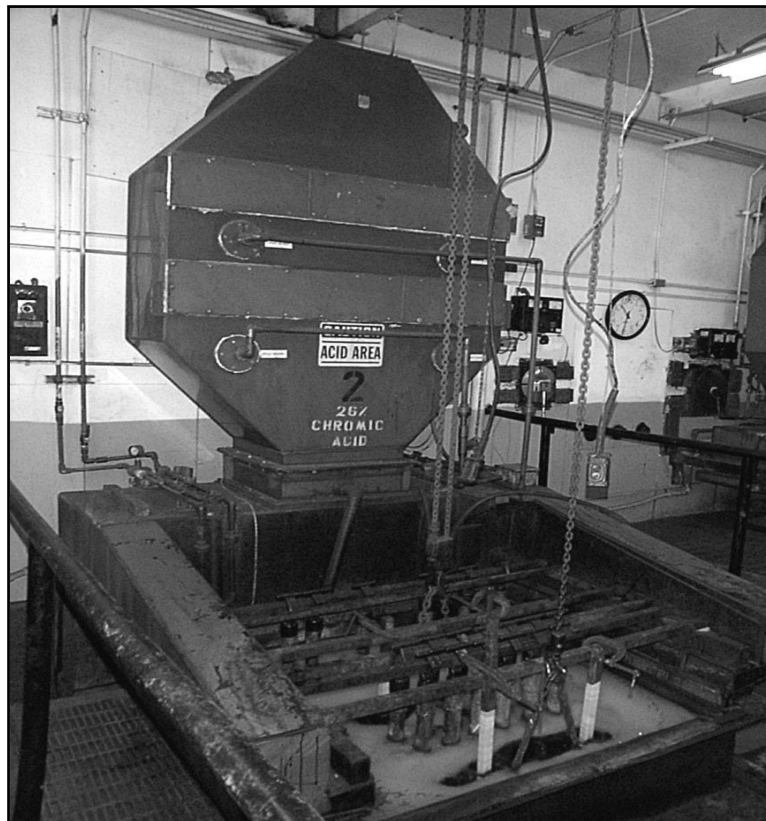
**COURSE 290.3
CHROME PLATING AND ANODIZING**

This one day course will present process and control information on chrome plating and anodizing facilities followed by a review of the inspection check sheet (which includes pertinent regulation requirements) developed for use in conducting inspections of such sources.

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

Handbook	02-033 - English
Handbook	02-034 - Spanish

2005 Scheduled courses:
Fresno June 15



300 SERIES COURSES





COURSE 310 CAL/EPA BASIC INSPECTOR ACADEMY

This one-week course is designed to teach environmental agency inspectors and other environmental compliance professionals core knowledge and inspection skills, and also encourage cross media awareness of environmental violations. Environmental professionals and attorneys teach the classes. Students will participate in a mock inspection and mock testimony. In addition, the following topics are covered:

- Role of the Inspector
- Environmental Chemistry
- Environmental Law
- Role & Responsibilities of Cal/EPA
- Resolving Environmental Violations
- Inspection Overview
- Personal Safety in the Field
- Report Writing
- Interviewing Skills
- Sampling and Evidence Collection

Coordinator: Nancy Thompson
Phone: (916) 322-2227
E-mail: nthompson@arb.ca.gov

2005 Academy Schedule:

Sacramento January 24-28
Fresno September 12-16
Location to be announced Oct. 31-Nov. 4

COURSE 321 INTRODUCTION TO VARIANCES/HEARING BOARD WORKSHOP

And

COURSE 322 ADVANCED VARIANCES/HEARING BOARD WORKSHOP

These workshops, produced by ARB Enforcement Division, are designed to train hearing board members, hearing board clerks, district staff, consultants, lawyers, and any interested public members on California Health and Safety Code (CH&SC) requirements for variances and abatement orders. Specifically, we discuss the six findings required under the CH&SC, the Clean Air Act and Title V, new legislation, counsel's role, the Chair's role, hearing board policy and procedures. We also cover the factors contributing to an effective district variance program, ARB's auditing criteria and review process.

Coordinator: Judy Lewis
Phone: (916) 322-1879
E-mail: jlewis@arb.ca.gov

2005 Scheduled courses:

Please contact the Course Coordinator





COURSE 330 PERMITTING STAFF DEVELOPMENT WORKSHOP

This two-day workshop focuses on statewide training for air district permit services staff. Day one focuses on common stationary sources & controls and provides an overview of the permitting process including New & Modified Source Review (NSR), BACT review, Offsets & ERCs, Title V & Federal NSR. Participants will also be introduced to common prohibitory & source specific rules as well as New Source Performance Standards (NSPS) & National Emission Standards for Hazardous Air Pollutants (NESHAPS). Day two focuses on application review & effective permit writing, risk management, statewide control programs & compliance considerations.

Course Coordinator: Ben Sehgal
Phone: (916) 327-3953
E-mail: rsehgal@arb.ca.gov

2005 Scheduled courses:
Sacramento April 26, 27 & 28

COURSE 340 GASOLINE FACILITIES PHASE I AND II

This three-day seminar presents a complete overview of the gasoline vapor recovery program. The history, certification and testing requirements, Executive Orders, types of vapor recovery systems and equipment, installation and compliance inspections, compliance test

procedures, and Enhanced Vapor Recovery are discussed. Participants will also conduct field inspections and testing of gasoline dispensing facilities. Service station installers, and repair and maintenance contractors are encouraged to enroll in this seminar.

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

Technical Manual 02-201
Handbook 00-009

2005 Scheduled courses:
Sacramento January 18-20
Fresno July 19-21



COURSE 370 VISIBLE EMISSION EVALUATION OPERATORS WORKSHOP

This three-day course is designed for State and Local Air Control Agency Personnel and Contractors who conduct visible emissions evaluation training. This is a hands on training course that will cover operation and maintenance of smoke generator training equipment, legal aspects, regulations requiring visible emission evaluations and changes in certification procedures. An optional VE night and day certification will also be offered.

Coordinator: Min Li
Phone: (916) 323-1168
E-mail: mli@arb.ca.gov

2005 Scheduled courses: *To be announced*

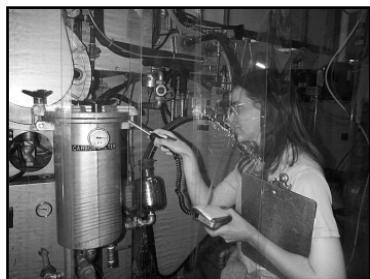
**COURSE 375
SMOKE MANAGEMENT WORKSHOP**

This two-day Workshop emphasizes importance of proper smoke management & its impact on dispersion. Speakers will include representatives of CARB, EPA Region IX, air pollution control districts, & National Parks & Forest Service. Specific topics will focus on meteorology, laws & regulations of prescribed burns, fuel consumption & combustion & emission calculations, weather & smoke dispersion, smoke management plans, public notification & health effects, & federal policy on wild land & prescribed fires, & an overview of Title 17.

Coordinator: Ed Virgin
Phone: (916) 322-5866
E-mail: evirgin@arb.ca.gov

Handbook 94-024

2005 Scheduled courses:
Diamond Bar February 2-3
Fresno December 7-8



**COURSE 387
DRY CLEANER
AIR TOXIC
CONTROL
MEASURE**

This one-day/half-day course is

designed to meet the requirements of the *Airborne Toxic Control Measure (ATCM) for Perchloroethylene* from Dry Cleaning Operations. The primary objective is to certify "trainers" and "operators" pursuant to the requirements of the ATCM and to promote understanding on how to comply with the control measure. A certificate of completion will be issued to each student who successfully completes the certi-

fication program. First time enrollees who have never been certified are required to attend the entire day and re-certification enrollees are required to attend the afternoon portion. For additional information on inspecting dry cleaning operations, see course #287.

Coordinator: Tom Raschke
Phone: (916) 445-0961
E-mail: traschke@arb.ca.gov

Interactive CD
Technical Manual 02-220
Handbook, English 195-025
Handbook, Korean 95-027

2005 Scheduled courses:
Please call for Information

**COURSE 395
FUGITIVE EMISSIONS OPERATOR
TRAINING**

This one-day course provides training in fugitive emissions monitoring procedures for technical field staff at refineries, marketing terminals, and oil and gas production facilities. Topics covered include: component identification and counting; performance quality assurance for portable hydrocarbon analyzers; preparing portable hydrocarbon analyzers for field use; component screening procedures; factors affecting accuracy of measurements; and emissions inventory overview. The course will assist fugitive monitoring operators in following uniform and consistent methods statewide. Successful completion of this course will satisfy one of the requirements for operator certification at air pollution control districts that require such certification.

Course Coordinator: Ed Virgin
Phone: (916) 322-5866
E-mail: evirgin@arb.ca.gov

2005 Scheduled courses:
Diamond Bar January 19
Diamond Bar September 29

Appendix A

Registration Form





Compliance Training Program Registration Form

PLEASE provide all the information requested below. If you are sending this form by US mail, please attach the student's business card. Please complete a separate form for each person enrolling in courses. An individual may be enrolled for multiple courses on a single form. If you have registration questions, please call (916) 322-2227 or visit us on the web at <http://www.arb.ca.gov/training/training.htm>.

Include your payment by check with your course application, payable to **California Air Resources Board**. Payment with a major credit card is acceptable. Please have your credit card information ready and telephone the Registrar at the number listed above. For security reasons, do NOT e-mail or fax credit card information.

SEND COMPLETED FORMS TO: Fax to: (916) 323-3303
 Mail to: Registrar
 Air Resources Board
 Enforcement Division, Training Section
 P.O. Box 2815
 Sacramento, CA 95812

PLEASE PROVIDE THE FOLLOWING:

Student Name			
<i>last,</i>	<i>first,</i>	<i>middle</i>	
<input type="checkbox"/> I have taken previous ARB courses.		<input type="checkbox"/> My name has changed. Old name:	
Student Number:		<input type="checkbox"/> My employer/address/phone has changed.	
<i>(if known)</i>			
Job Title:			
Employer:		Division/Section:	
Address:			
City:		State:	Zip:
Work Phone:	Alternate Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell <input type="checkbox"/> Pager <input type="checkbox"/> Fax		
Email Address:			

Course Number	Course Title	Date Offered	Course Location	Course Fee

For information about course fees, please visit www.arb.ca.gov/training/registra.htm

Total Amount Enclosed: \$

Appendix B

Fundamentals of Enforcement and Visible Emission Evaluation Recertification Schedule



2005 Fundamentals of Enforcement and Visible Emission Evaluation Re-certification Schedule

Fundamentals of Enforcement (Course 100)

Advance registration is required—Please call (916) 322-2227

January 11-13, 2005	San Diego
April 12-14, 2005	San Luis Obispo
June 7-9, 2005	Sacramento
October 4-6, 2005	Monterey
December 6-8, 2005	Diamond Bar

Visible Emission Evaluation Recertification (Course 100.1 & 100.2)

Pre-registration is not required for VEE Recert. Check our website for last minute changes.

Day cert.: www.arb.ca.gov/CAP/100_1.htm Night cert.: http://www.arb.ca.gov/CAP/100_2.htm

Day certifications begin at 8:30 am and night certifications begin at official sunset time.

DAY (Course 100.1)	LOCATION	NIGHT (Course 100.2)
Thursday, January 13	San Diego	Wednesday, January 12
	Long Beach	Tuesday, January 25
Wednesday, January 26	Long Beach	
Thursday, January 27	San Dimas	
	Pomona	Thursday, January 27
Tuesday, February 1	Ventura	
Wednesday, February 2	Bakersfield	Wednesday, February 2
Wednesday, March 2	West Sacramento	Wednesday, March 2
Wednesday, March 9	Pleasanton	
Thursday, March 10	Pleasanton	
Thursday, March 17	Redding	
Wednesday, March 23	Monterey	
Thursday, March 24	Madera	
Thursday, April 14	San Luis Obispo	Wednesday, April 13
Wednesday, April 20	Victorville	
Thursday, April 21	Bakersfield	Thursday, April 21
Thursday, June 9	West Sacramento	Wednesday, June 8
Wednesday, July 13	San Diego	
	Pomona	Tuesday, July 26
Wednesday, July 27	Long Beach	
Thursday, July 28	San Dimas	
	Pomona	Thursday, July 28
Tuesday, August 2	Ventura	
Wednesday, September 7	West Sacramento	
Wednesday, September 14	Pleasanton	
Thursday, September 15	Pleasanton	
Thursday, September 22	Redding	
Tuesday, September 27	Madera	
Thursday, October 6	Monterey	Wednesday, October 5
Wednesday, October 19	Victorville	
Thursday, October 20	Bakersfield	Thursday, October 20
Wednesday, November 2	West Sacramento	
	Pomona	Wednesday, December 7
Thursday, December 8	San Dimas	

Appendix C

Compliance Assistance Program Publication Order Form





Cal/EPA
California Air Resources Board

Publication Order Form

Compliance Assistance Program

Please indicate the quantity of handbooks, pamphlets, technical manuals, and/or compact discs (CDs) that you desire. Handbooks are \$2.50 each for businesses outside California. Pamphlets are free. Printed technical manuals or CDs are \$10 for businesses in California and \$25 outside the state. All publications are free to environmental government agencies. Send order form and checks payable to the "California Air Resources Board," Compliance Assistance Program, P.O. Box 2815, Sacramento, CA 95812, or call (916) 327-7211, or FAX (916) 323-3303, or email cap_pubs@arb.ca.gov.

* An asterisk indicates that these handbooks are available online at our website:

www.arb.ca.gov/cap/handbks.htm

Handbooks

- ☐ Aerospace Coating Industry
- ☐ Agricultural Burning (English) *
- ☐ Agricultural Burning (Spanish)
- ☐ Asbestos (Demolition/Renovation)
- ☐ Automotive Refinishing (English) *
- ☐ Automotive Refinishing (Spanish)
- ☐ Chrome Plating & Anodizing
- ☐ Chrome Plating & Anodizing (Spanish)
- ☐ Consumer Products
- ☐ Dry Cleaning Industry (English) *
- ☐ Dry Cleaning Industry (Korean)
- ☐ Forest Management Burning
- ☐ Fugitive Dust Control *
- ☐ Gasoline Facilities Phase I & II Vapor Recovery *
- ☐ Graphic Arts Industry
- ☐ Graphic Arts Industry (Spanish)
- ☐ Hot Mix Asphalt Facilities
- ☐ Oil Field Production
- ☐ Solvent Cleaners

- ☐ Surface Coating of Metal & Plastic Parts & Products (English)
- ☐ Surface Coating of Metal & Plastic Parts & Products (Spanish)
- ☐ Visible Emissions Evaluation *
- ☐ Wood Product Coatings Industry
- ☐ Wood Product Coatings Industry (Spanish)
- ☐ Woodburning Handbook *

Pamphlets

- ☐ Asbestos - Containing Rock and Soil *
- ☐ Baghouses
- ☐ Cleaners and Degreasers used in Automotive Maintenance Repair *
- ☐ Soil Decontamination
- ☐ Stationary Internal Combustion Engines
- ☐ The Compliance Assistance Program Informational Pamphlet

TECHNICAL MANUALS / CDs/GUIDELINE DOCUMENTS:

* An asterisk indicates that the title is available on CD-ROM in non-interactive (text only) format. They may also be available in printed format (inquire).

- | | |
|--|--|
| <input type="checkbox"/> Aerospace Coating Operations* | <input type="checkbox"/> Incinerators* |
| <input type="checkbox"/> Aggregate Plants* | <input type="checkbox"/> Landfill Gas Control Facilities* |
| <input type="checkbox"/> Ambient Air Monitoring* | <input type="checkbox"/> Metal Container, Closure & Coil Coating Operations* |
| <input type="checkbox"/> Asbestos Demolition/Renovation* | <input type="checkbox"/> Metal Parts & Products Surface Coating Operations* |
| <input type="checkbox"/> Automotive Refinishing* | <input type="checkbox"/> Motor Vehicle Fuels |
| <input type="checkbox"/> Baghouses* | <input type="checkbox"/> Oil Field Production* |
| <input type="checkbox"/> Boilers* | <input type="checkbox"/> Petroleum Refining* |
| <input type="checkbox"/> Cement Kilns* | <input type="checkbox"/> Polyester Resin/Fiberglass* |
| <input type="checkbox"/> Concrete Batch Plants* | <input type="checkbox"/> Printed Circuit Board Manufacturing* |
| <input type="checkbox"/> Consumer Products | <input type="checkbox"/> Soil Decontamination* |
| <input type="checkbox"/> Continuous Emission Monitors* | <input type="checkbox"/> Solvent Cleaning & Degreasing* |
| <input type="checkbox"/> Electrostatic Precipitators* | <input type="checkbox"/> Stationary Reciprocating Engines* |
| <input type="checkbox"/> Dry Cleaning (Interactive CD) | <input type="checkbox"/> Stationary Source Test Observations* |
| <input type="checkbox"/> Gas Turbines* | <input type="checkbox"/> Toxics Enforcement/Guidelines |
| <input type="checkbox"/> Graphic Arts Production* | <input type="checkbox"/> Vapor Recovery (Interactive CD) |
| <input type="checkbox"/> Health & Safety* | <input type="checkbox"/> VOC Control Devices/Scrubber* |
| <input type="checkbox"/> Hot Mix Asphalt Facilities (Interactive CD) | |
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Please provide the following information with each order:

Last Name: _____ **First Name:** _____

Company: _____

Address: _____

Phone: _____ **FAX:** _____ **Email:** _____

Appendix D

2005 Compliance Training Course Calendar



JANUARY 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
3	4 #290 MACT Diamond Bar	5	6 #290 MACT San Diego	7
10	11 #100 Fundamentals of Enforcement, San Diego	12 #100 Fundamentals of Enforcement, San Diego #100.2 Night VEE Re-certification, San Diego	13 #100 Fundamentals of Enforcement, San Diego #100.1 Day VEE Re-certification, San Diego	14
17 Martin Luther King, Jr. Day	18 #340 Gasoline Facilities Phase I & II, Sacramento	19 #221 Continuous Emis- sion Monitoring, Mojave #395 Fugitive VOC, Diamond Bar #340 Gasoline Facilities Phase I & II, Sacramento	20 #224 Observing Source Tests, Mojave #340 Gasoline Facilities Phase I & II, Sacramento	21
24 #310 Cal/EPA Basic Inspector Academy, Sacramento	25 #310 Cal/EPA Basic Inspector Academy, Sacramento #100.2 Night VEE Re-certification, Long Beach	26 #310 Cal/EPA Basic Inspector Academy, Sacramento #100.1 Day VEE Re-certification, Long Beach	27 #310 Cal/EPA Basic Inspector Academy, Sacramento #100.1 Day VEE Re-certification, San Dimas #100.2 Night VEE Re-certification, Pomona	28 #310 Cal/EPA Basic Inspector Academy, Sacramento
31				

FEBRUARY 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	1 #100.1 Day VEE Re-certification, Ventura	2 #100.1 Day VEE Re-certification, Bakersfield #100.2 Night VEE Re-certification, Bakersfield #375 Smoke Manage- ment, Diamond Bar	3 #375 Smoke Manage- ment, Diamond Bar	4
7	8 #230 Metal Parts & Products, Sacramento #370 VEE Operators, Sacramento	9 #230.4 Graphic Arts, San Francisco #370 VEE Operators, Sacramento	10 #230.4 Graphic Arts, San Francisco #370 VEE Operators, Sacramento	11
14	15	16	17	18
21 Washington's Birthday	22 #284 VOC Control Device, Fresno	23 #290 MACT, Fresno	24	25
28				

MARCH 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	1 #281 Electrostatic Precipitators, Fresno	2 #100.1 Day VEE Re-certification, W. Sacramento #285 Landfill, Fresno	3	4
7 #101-115 The Uniform Air Quality Training Program (UAQTP), Sacramento	8 #101-115 The Uniform Air Quality Training Program (UAQTP), Sacramento	9 #101-115 The Uniform Air Quality Training Program (UAQTP), Sacramento #100.1 Day VEE Re-certification, Pleasanton	10 #101-115 The Uniform Air Quality Training Program (UAQTP), Sacramento #100.1 Day VEE Re-certification, Pleasanton	11 #101-115 The Uniform Air Quality Training Program (UAQTP), Sacramento
14	15 #271 Stationary Reciprocating Engines, Santa Barbara	16 #260 Oil Field Production, Bakersfield #230.2 Auto Refinishing, Sacramento	17 #100.1 Day VEE Re-certification, Redding	18
21	22	23 #100.1 Day VEE Re-certification, Monterey	24 #100.1 Day VEE Re-certification, Madera	25
28	29 #285 Landfill, Bay Area #273 Industrial Boilers Santa Barbara	30 #284 VOC Control Device, Bay Area #272 Gas Turbines, Santa Barbara	31 Cesar Chavez Day #221 Continuous Emission Monitoring, Santa Barbara	

APRIL 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
				1
4	5	6 #221 Continuous Emission Monitoring, Fresno	7 #224 Observing Source Tests, Fresno	8
11	12 #100 Fundamentals of Enforcement, San Luis Obispo	13 #100 Fundamentals of Enforcement, San Luis Obispo #100.2 Night VEE, San Luis Obispo #243 Aggregate Plants, Sacramento	14 #100 Fundamentals of Enforcement, San Luis Obispo #100.1 Day VEE, San Luis Obispo #282 Baghouses, Sacramento	15
18	19	20 #100.1 Day VEE, Victorville	21 #100.1 Day VEE, Bakersfield #100.2 Night VEE, Bakersfield	22
25	26 #330 Permitting Staff Dev. Workshop, Sacramento	27 #330 Permitting Staff Dev. Workshop, Sacramento	28 #330 Permitting Staff Dev. Workshop, Sacramento	29

MAY 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
2	3	4	5	6
9	10	11	12	13
16	17	18	19	20
23	24 #300 Environmental Cross-Media Enforce- ment Symposium, Irvine	25 #300 Environmental Cross-Media Enforce- ment Symposium, Irvine	26 #300 Environmental Cross-Media Enforce- ment Symposium, Irvine	27 #300 Environmental Cross-Media Enforce- ment Symposium, Irvine
30 Memorial Day	31			

JUNE 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
		1	2	3
6	7 #100 Fundamentals of Enforcement, Sacramento	8 #100 Fundamentals of Enforcement, Sacramento #100.2 Night VEE, W. Sacramento	9 #100 Fundamentals of Enforcement, Sacramento #100.1 Day VEE, W. Sacramento	10
13	14 #287 Dry Cleaning, Fresno	15 #290.3 Chrome Plating & Anodizing, Fresno	16	17
20	21 #273 Industrial Boilers, Fresno	22 #272 Stationary Gas Turbine & Power Plants, Fresno	23	24
27	28 #290 MACT, Bay Area	29 #243 Aggregate Plants, Fresno	30 #244 Concrete Batch Plants, Fresno	

JULY 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
				1
4 Independence Day	5	6 #243 Aggregate Plants, San Diego	7 #242 Hot Mix Asphalt Facilities, San Diego	8
11	12	13 #100.1 Day VEE Re-certification, San Diego #273 Industrial Boilers, Monterey	14 #272 Stationary Gas Turbine & Power Plants, Monterey	15
18	19 #340 GDF Phase I & II, Fresno	20 #340 GDF Phase I & II, Fresno	21 #340 GDF Phase I & II, Fresno	22
25	26 #100.2 Night VEE Re-certification, Pomona	27 #100.1 Day VEE Re-certification, Long Beach	28 #100.1 Day VEE Re-certification, San Dimas #100.2 Night VEE Re-certification, Pomona	29

AUGUST 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	2 #100.1 Day VEE Re-certification, Ventura	3 #230 Metal Parts & Products, Fresno	4	5
8	9 #222 Principles of Am- bient Air Monitoring, Sacramento	10 #244 Concrete Batch Plants, Bay Area	11 #261 Polyester Resin, Fresno	12
15	16 #234 Printed Circuit Board, Sacramento	17 #273 Industrial Boilers, Diamond Bar	18 #272 Stationary Gas Turbine & Power Plants Diamond Bar	19
22	23	24 #233 Solvent Cleaning, Sacramento	25	26
29	30	31 #271 Stationary Recip- rocating Engine, Diamond Bar		

SEPTEMBER 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
			1 #243 Aggregate Plants, Diamond Bar	2
5 Labor Day	6	7 #230 Metal Parts & Products, San Diego #100.1 Day VEE Re-certification, W. Sacramento	8 #230.2 Auto Refinishing, San Diego	9
12 #310 Cal/EPA Basic Inspector Academy, Fresno	13 #310 Cal/EPA Basic Inspector Academy, Fresno	14 #310 Cal/EPA Basic Inspector Academy, Fresno #100.1 Day VEE Re-certification, Pleasanton	15 #310 Cal/EPA Basic Inspector Academy, Fresno #100.1 Day VEE Re-certification, Pleasanton	16 #310 Cal/EPA Basic Inspector Academy, Fresno
19 #101-115 The Uniform Air Quality Training Pro- gram (UAQTP), Sacramento	20 #101-115 The Uniform Air Quality Training Pro- gram (UAQTP), Sacramento	21 #101-115 The Uniform Air Quality Training Pro- gram (UAQTP), Sacramento	22 #101-115 The Uniform Air Quality Training Pro- gram (UAQTP), Sacramento #100.1 Day VEE Re-certification, Redding	23 #101-115 The Uniform Air Quality Training Pro- gram (UAQTP), Sacramento
26	27 #100.1 Day VEE Re-certification, Madera	28 #261 Polyester Resin, Sacramento	29 #395 Fugitive VOC, Diamond Bar	30

OCTOBER 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
3	4 #100 Fundamentals of Enforcement, Monterey	5 #100 Fundamentals of Enforcement, Monterey #100.2 Night VEE Re-certification, Monterey	6 #100 Fundamentals of Enforcement, Monterey #100.1 Day VEE Re-certification, Monterey	7
10 Columbus Day	11	12	13 #230.1 Aerospace Industry, Bay Area	14
17	18	19 #273 Industrial Boilers, Redding #100.1 Day VEE Re-certification, Victorville	20 #272 Gas Turbine & Power Plants, Redding #100.1 Day VEE Re-certification, Bakersfield #100.2 Night VEE Re-certification, Bakersfield	21
24	25 #285 Landfill Sacramento	26 #271 Stationary Reciprocating Engine, Bay Area #290 MACT Sacramento	27 #282 Baghouse, Bay Area	28
31 #310 Cal/EPA Basic Inspector Academy, Location to be announced				

NOVEMBER 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	1 #310 Cal/EPA Basic Inspector Academy, Location to be announced	2 #310 Cal/EPA Basic Inspector Academy, Location to be announced #100.1 Day VEE Re-certification, W. Sacramento #244 Concrete Batch Plants, San Diego	3 #310 Cal/EPA Basic Inspector Academy, Location to be announced #282 Baghouses, San Diego	4 #310 Cal/EPA Basic Inspector Academy, Location to be announced
7	8 #284 VOC Control Devices, Diamond Bar	9 #230.4 Graphic Arts Sacramento #290 MACT, Diamond Bar	10	11 Veterans' Day
14	15	16 #221 Continuous Emission Monitoring, Redding #230.1 Aerospace Industry, Fresno	17 #224 Observing Source Tests, Redding	18
21	22	23	24 Thanksgiving Day	25 Day After Thanksgiving
28	29	30		

DECEMBER 2005

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
			1 #230.4 Graphic Arts, Fresno	2
5	6 #100 Fundamentals of Enforcement, Diamond Bar	7 #100 Fundamentals of Enforcement, Diamond Bar #100.2 Night VEE Re-certification, Pomona #375 Smoke Manage- ment Workshop, Fresno	8 #100 Fundamentals of Enforcement, Diamond Bar #100.1 Day VEE Re-certification, San Dimas #375 Smoke Manage- ment Workshop, Fresno	9
12	13	14	15	16
19	20	21	22	23
26 Christmas (Observed)	27	28	29	30



Cover Photograph: Ansel Adams Wilderness, Sierra Nevada Mountains CA
Back Page Photograph: La Jolla Beach, CA at Sunset
Photographer: Ben Sehgal